

05/20  
05/23

BIOTECHNOLOGY  
SYSTEMS  
BRANCH

## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/072,809  
Source: OIPE  
Date Processed by STIC: 5/16/02

**BEST AVAILABLE COPY**

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent to the following to the indicated addressee:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name,  
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,  
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to : U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



OIPE

Does Not Comply  
Corrected Diskette Needed

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/072,809

DATE: 05/16/2002  
TIME: 10:49:37

Input Set : A:\PTO.VSK.txt  
Output Set: N:\CRF3\05162002\J072809.raw

3 <110> APPLICANT: Anderson, Marilyn, A., Lay, Fung T., Heath, Robyn, L.  
5 <120> TITLE OF INVENTION: Plant-derived molecules and genetic sequences encoding same  
and uses  
6       therefor  
8 <130> FILE REFERENCE: 18-01  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/072,809  
C--> 11 <141> CURRENT FILING DATE: 2002-05-01  
13 <150> PRIOR APPLICATION NUMBER: USSN 60/267,271  
14 <151> PRIOR FILING DATE: 2001-02-08  
16 <160> NUMBER OF SEQ ID NOS: 61  
18 <170> SOFTWARE: PatentIn version 3.0

## ERRORED SEQUENCES

1693 <210> SEQ ID NO: 61  
1694 <211> LENGTH: 112  
1695 <212> TYPE: PRT  
1696 <213> ORGANISM: Nicotiana alata  
1698 <220> FEATURE:  
1699 <221> NAME/KEY: misc\_feature  
1700 <222> LOCATION: (2)..(2)  
1701 <223> OTHER INFORMATION: X = A or G or K  
1703 <220> FEATURE:  
1704 <221> NAME/KEY: misc\_feature  
1705 <222> LOCATION: (3)..(3)  
1706 <223> OTHER INFORMATION: X = R or N or L  
1708 <220> FEATURE:  
1709 <221> NAME/KEY: misc\_feature  
1710 <222> LOCATION: (5)..(5)  
1711 <223> OTHER INFORMATION: X = L or I or M  
1713 <220> FEATURE:  
1714 <221> NAME/KEY: misc\_feature  
1715 <222> LOCATION: (6)..(6)  
1716 <223> OTHER INFORMATION: X = C or F or R  
1718 <220> FEATURE:  
1719 <221> NAME/KEY: misc\_feature  
1720 <222> LOCATION: (7)..(7)  
1721 <223> OTHER INFORMATION: X = F or L  
1723 <220> FEATURE:  
1724 <221> NAME/KEY: misc\_feature  
1725 <222> LOCATION: (8)..(8)  
1726 <223> OTHER INFORMATION: X = M or F or I  
1728 <220> FEATURE:

BEST AVAILABLE COPY

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/072,809

DATE: 05/16/2002  
TIME: 10:49:37

Input Set : A:\PTO.VSK.txt  
Output Set: N:\CRF3\05162002\J072809.raw

2158 <220> FEATURE:  
2159 <221> NAME/KEY: misc\_feature  
2160 <222> LOCATION: (111)..(111)  
2161 <223> OTHER INFORMATION: X = no amino acid or D or M  
2163 <220> FEATURE:  
2164 <221> NAME/KEY: misc\_feature  
2165 <222> LOCATION: (112)..(112)  
2166 <223> OTHER INFORMATION: X = no amino acid or N or E  
2168 <400> SEQUENCE: 61  
W--> 2169 Met Xaa Xaa Ser Xaa  
2170 I 5 10 15  
W--> 2172 Xaa Ala Xaa  
2173 20 25 30  
W--> 2175 Xaa Xaa Cys Xaa Xaa Xaa Ser Xaa Xaa Phe Xaa Gly Xaa Cys Xaa Xaa  
2176 35 40 45  
W--> 2178 Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa Glu Xaa Phe Xaa Xaa Gly  
2179 50 55 60  
W--> 2181 Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Cys Thr Xaa Xaa Cys Xaa  
2182 65 70 75 80  
W--> 2184 Xaa  
2185 85 90 95  
W--> 2187 Xaa  
2188 100 105 110  
E--> 2191 (22) - delete

BEST AVAILABLE COPY

VERIFICATION SUMMARY  
PATENT APPLICATION: US/10/072,809

DATE: 05/16/2002  
TIME: 10:49:38

Input Set : A:\PTO.VSK.txt  
Output Set: N:\CRF3\05162002\J072809.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:1348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0  
L:1351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:16  
L:1354 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:32  
L:1508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0  
L:1511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:16  
L:1685 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0  
L:1688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:16  
L:1691 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:32  
L:2169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0  
L:2172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:16  
L:2175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:32  
L:2178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:48  
L:2181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:64  
L:2184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:80  
L:2187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:96  
L:2191 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:61

BEST AVAILABLE COPY